

# PROJECT 10073 RECORD CARD

1. DATE 4 Feb 58		2. LOCATION Ohio River, Indiana <del>area</del>		12. CONCLUSIONS <input type="checkbox"/> Was Balloon <input type="checkbox"/> Probably Balloon <input type="checkbox"/> Possibly Balloon  <input type="checkbox"/> Was Aircraft <input type="checkbox"/> Probably Aircraft <input type="checkbox"/> Possibly Aircraft  <input type="checkbox"/> Was Astronomical <input type="checkbox"/> Probably Astronomical <input type="checkbox"/> Possibly Astronomical	
3. DATE-TIME GROUP Local _____ GMT _____ NA		4. TYPE OF OBSERVATION <input checked="" type="checkbox"/> Ground-Visual <input type="checkbox"/> Ground-Radar <input type="checkbox"/> Air-Visual <input type="checkbox"/> Air-Intercept Radar			
5. PHOTOS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Phys Spec.		6. SOURCE Civilian (2)			
7. LENGTH OF OBSERVATION NA		8. NUMBER OF OBJECTS one		9. COURSE NA	
10. BRIEF SUMMARY OF SIGHTING A rnd obj, half plastic & half fibre, was picked up along the Ohio River in Indiana by 2 hunters. It eventually got to the OSI, who turned it into ATIC for analysis.				11. COMMENTS The device was found to be a magnetometer for remote measurement of the strength of the earth's horizontal magnetic field.	



Device Picked Up on Ohio River in Indiana

Comdr, 5th District,  
OSI

AFCIN-4E4

4 Feb 58

1. The device is a magnetometer for remote measurement of the strength of the earth's magnetic field. The sensing element being supported by a pendulum mounting shows that it measures the strength of the horizontal component of the earth's magnetic field.

2. It was probably carried to a high altitude by a balloon and then transmitted field strength measurements by telemetry to a ground station.

G. T. GREGORY  
Capt, USAF  
AFCIN-4E4

*Put in case file*  
The Above item returned to  
5th District OSI 5 Feb 58, Along  
with evaluation



THE DEVICE IS A MAGNETOMETER FOR  
REMOTE MEASUREMENT OF THE STRENGTH  
OF THE EARTH'S MAGNETIC FIELD.  
THE SENSING ELEMENT BEING SUPPORTED  
BY A PENDULUS MOUNTING SHOWS  
THAT IT MEASURES THE STRENGTH  
OF THE HORIZONTAL COMPONENT OF  
THE EARTH'S MAGNETIC FIELD.

IT WAS PROBABLY CARRIED TO  
A HIGH ALTITUDE BY A BALLOON AND  
THEN TRANSMITTED FIELD STRENGTH  
MEASUREMENTS BY TELEMETRY TO A  
GROUND STATION.

WHITE  
4E2d